

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the **PATENT APPLICATION** of:

Kazakevich et al.

**Patent No.:** 6,934,344

**Application No.:** 09/817,455

**Confirmation No.:** 9421

**Filed:** March 26, 2001

**For:** DIGITAL AUTOMATIC  
GAIN CONTROL

**Group:** 2631

**Examiner:** Cicely Q. Ware

Our File: I-2-0157.1US

Date: April 22, 2009

**COMMUNICATION RE STATUS REQUEST FOR  
CERTIFICATE OF CORRECTION FILED ON JANUARY 26, 2006**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants respectfully request notification of the status for Certificate of Correction filed on January 26, 2006, received by your Office on January 31, 2006 (copy attached as Attachment A) for the above-identified patent application. A Communication Re Status was subsequently filed with the USPTO on October 24, 2006, received by your Office on October 26, 2006 (copy attached as Attachment B).

Over three years have passed since the Certificate of Correction was filed and Applicants have not received any substantive action.

Respectfully submitted,

Kazakevich et al.

By /Gerald B. Halt, Jr./  
Gerald B. Halt, Jr.  
Registration No. 37,633  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza  
30 South 17th Street  
Philadelphia, PA 19103-4009

GBH/jcs  
Attachments (2)

# ATTACHMENT A

Approved for use through 07/31/2006.

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

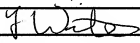
Total Number of Pages in This Submission

Patent Number	6,934,344
Issue Date	August 23, 2005
First Named Inventor	Kazakevich et al.
Application Number	09/817,455
Filing Date	March 26, 2001
Attorney Docket Number	I-2-0157.1US

**ENCLOSURES (Check all that apply)**

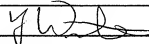
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Request for Certificate of Correction (2 pgs.); and Certificate of Correction Form PTO/SB/44 (1 pg.) in duplicate
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Louis Weinstein		
Date	January 26, 2006	Reg. No.	20,477

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Louis Weinstein	Date	Jan. 26, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Approved for use through 07/31/2006.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 100.00**Complete if Known**

Application Number	09/817,455
Filing Date	March 26, 2001
First Named Inventor	Kazakevich et al.
Examiner Name	Cicely Q. Ware
Art Unit	2634
Attorney Docket No.	I-2-0157.1US

**METHOD OF PAYMENT** (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: **09-0435** Deposit Account Name: **InterDigital Communications Corporation**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments
**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
HP = highest number of total claims paid for, if greater than 20			0.00			0.00
Indep. Claims			0.00			

HP = Highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		0.00

**4. OTHER FEE(S)**
 Non-English Specification, \$130 fee (no small entity discount)  
 Other: Certificate of Correction
**Fees Paid (\$)**

100.00

**SUBMITTED BY**Signature *[Signature]*Registration No. 20,477  
(Attorney/Agent)

Telephone 215-568-6400

Name (Print/Type) **Louis Weinstein**Date **Jan 26, 2006**

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the **PATENT** of:

Kazakevich et al.

Our File: I-2-0157.1US

**Patent No.:** 6,934,344

Date: January 26, 2006

**Issued:** August 23, 2005

**Appln. No.:** 09/817,455

**Filed:** March 26, 2001

For: DIGITAL AUTOMATIC GAIN CONTROL

**REQUEST FOR CERTIFICATE OF CORRECTION**

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§1.322, 1.323 is requested for U.S. Patent No. 6934,344. Correction of the following errors is requested.

**IN THE CERTIFICATE OF CORRECTION**

For Column 3, Line 62, delete "C sin( $\omega\tau+\alpha$ )" and insert therefor  $-C \sin(\omega t+\alpha)$ --.

**Patentee:** Kazakevich et al..  
**Patent No.:** 6,934,344

**REMARKS**

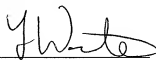
Patentees believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44.

Since at least one of the errors was caused by Applicant, please charge the surcharge fee of \$100.00 to the Deposit Account of InterDigital Communications Corporation, Deposit Account No. 09-0435.

Respectfully submitted,

Kazakevich et al.

By



Louis Weinstein  
Registration No. 20,477  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

LW/pp  
Enclosure

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTIONPage 1 of 1

PATENT NO. : 6,934,344

APPLICATION NO.: 09/817,455

ISSUE DATE : August 23, 2005

INVENTOR(S) : Kazakevich et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At Column 3, Line 62, delete " $C \sin(\omega\tau + \alpha)$ " and insert therefor  $--C \sin(\omega t + \alpha)--$

## MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Atty. Docket # I-2-0157.1US  
Mailed prepaid on: January 26, 2006  
by [ X ] First Class or [ ] Express Mail to:  
Certificate of Correction Branch, Commissioner  
for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450

**IN RE PATENT APPLICATION OF**

**Inventors:** Kazakevich et al.

**Issued Patent No.:** 6,934,344

**Appln. No.:** 09/817,455

**Filed:** March 26, 2001

**Title:** DIGITAL AUTOMATIC GAIN CONTROL

Kindly acknowledge receipt of the following items with respect to the  
above-identified matter by placing your date stamp hereon and  
mailing this self addressed and posted card:

Transmittal Form with Certificate of First  
Class Mailing (1 pg.);  
Fee Transmittal (1 pg.);  
Request for Certificate of Correction (2  
pgs.); and  
Certificate of Correction Form PTO/ST-E  
(1 pg.) in duplicate

**VOLPE & KOENIG PC**

LW/pp

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# ATTACHMENT B

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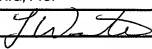
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Patent Number	6,934,344
Issue Date	August 23, 2005
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Filing Date	March 26, 2001
Attorney Docket Number	I-2-0157.1US

**ENCLOSURES (Check all that apply)**

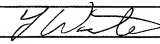
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input checked="" type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Communication Re Status Request and Copy of Request for Certificate of Correction (2 pgs.)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Louis Weinstein		
Date	October 24, 2006	Reg. No.	20,477

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Louis Weinstein	Date	October 24, 2006

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the **PATENT** of:

Kazakevich et al.

**Patent No.:** 6,934,344

**Issued:** August 23, 2005

**Filed:** March 26, 2001

For: DIGITAL AUTOMATIC GAIN CONTROL

Our File: I-2-0157.1US

Date: October 24, 2006

**COMMUNICATION RE STATUS REQUEST FOR  
CERTIFICATE OF CORRECTION**

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

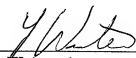
Further to our Request for Certificate of Correction filed on January 26, 2006 (copy enclosed), we still have not received any communication regarding the above-identified patent application.

**Applicant:** Kazakevich et al.  
**Patent No.:** 6,934,344

Please forward a status notification for Certificate of Correction for the above-identified application.

Respectfully submitted,

Kazakevich et al.

By   
Louis Weinstein  
Registration No. 20,477  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

LW/arp  
Enclosures

Atty. Docket # I-2-0157.1US

Mailed prepaid on: October 24, 2006

by [ X ] First Class or [ ] Express Mail to:  
Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450

**IN RE PATENT APPLICATION OF**

**Inventors:** Kazakevich et al.

**Patent No.:** 6,934,344

**Issued:** August 23, 2005

**Title:** DIGITAL AUTOMATIC GAIN CONTROL

Kindly acknowledge receipt of the following items with respect to the above-identified matter by placing your date stamp hereon and mailing this self addressed and posted card:

Transmittal Form with (1 pg.); and

Copy of filed Certificate of Correction (2pgs);

LW/arp



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AM/PM

OCT 31 2006

VOLPE & KOENIG, P.C.